

IN THE CLAIMS

Please amend claims 1, 5-11, and 15-19, and add new claims 21-37, as follows:

1. (Currently Amended) ~~In a wireless local area network, a~~ A method of communicating cellular network broadcast information to one or more mobile stations by a wireless local area network, the method comprising the steps of:
receiving, from one or more available cellular networks or a network database, cellular network broadcast information associated with the one or more available cellular networks;
formatting the cellular network broadcast information in a generic container message which varies in content and format in accordance with different cellular standards associated with the one or more available cellular networks; and
transmitting, in an extensible authentication procedure, the generic container message for receipt and use by a mobile station in selecting one of the one or more available cellular networks for communication.
2. (Original) The method of claim 1, wherein the generic container message includes a technology-specific container.
3. (Original) The method of claim 1, wherein the generic container message includes a tag field for identifying the generic container message.
4. (Original) The method of claim 1, wherein the generic container message includes a data field for identifying a technology standard or standard organization associated with a first cellular network.
5. (Currently Amended)) The method of claim 1, wherein the generic container message includes a data field for identifying a standard or standard organization

associated with a first cellular network, and the cellular network broadcast information includes first cellular network information which identifies a first cellular network.

6. (Currently Amended) The method of claim 1, wherein the ~~cellular network information is received from a network database one or more available cellular networks comprise a plurality of cellular networks.~~

7. (Currently Amended) The method of claim 1, wherein the cellular network broadcast information includes:

first cellular network information from a first cellular network; and
second cellular network information from a second cellular network.

8. (Currently Amended)) The method of claim 1, wherein the cellular network broadcast information includes:

first cellular network information from a first cellular network having a first information content; and

second cellular network information from a second cellular network having a second information content different from the first information content.

9. (Currently Amended) The method of claim 1, wherein the cellular network broadcast information includes:

first cellular network information which identifies a first cellular network; and
second cellular network information which identifies a second cellular network.

10. (Currently Amended) The method of claim 1, wherein the cellular network broadcast information includes a mobile network code (MNC) and a mobile country code (MCC) which identifies a first cellular network.

11. (Currently Amended) In a mobile station, a A method of receiving and processing cellular network broadcast information from a wireless local area network (WLAN) by a mobile station, the method comprising the steps of:

receiving, in an extensible authentication procedure, a generic container message from a wireless local area network (WLAN), the generic container message including cellular network broadcast information associated with one or more available cellular networks which varies in content and format in accordance with different cellular standards associated with the one or more available cellular networks;

decoding the generic container message to identify the cellular network broadcast information from associated with the one or more available cellular networks; and

storing the cellular network broadcast information in memory of the mobile station; and

selecting one of the one or more available cellular networks for communication using the cellular network broadcast information stored in the memory.

12. (Original) The method of claim 11, wherein the generic container message includes a technology-specific container.

13. (Original) The method of claim 11, wherein the generic container message includes a tag field which identifies the generic container message.

14. (Original) The method of claim 11, wherein the generic container message includes a data field for identifying a technology standard or standard organization associated with a first cellular network.

15. (Currently Amended) The method of claim 11, wherein the cellular network broadcast information includes:

first cellular network information from a first cellular network; and
second cellular network information from a second cellular network.

16. (Currently Amended) The method of claim 11, wherein the cellular network broadcast information includes a mobile network code (MNC) and a mobile country code (MCC) which identifies a first cellular network.

17. (Currently Amended) The method of claim 11, wherein the cellular network broadcast information includes first cellular network information which identifies a first cellular network and second cellular network information which identifies a second cellular network, the method further comprising:

selecting one of the first and the second cellular networks for communication through the wireless local area network.

18. (Currently Amended) The method of claim 11, wherein the cellular network broadcast information includes:

first cellular network information from a first cellular network which operates in accordance with a first communication standard; and

second cellular network information from a second cellular network which operates in accordance with a second communication standard different from the first communication standard.

19. (Currently Amended) The method of claim 11, wherein the cellular network broadcast information includes:

first cellular network information from a first cellular network having a first information content; and

second cellular network information from a second cellular network having a second information content different from the first information content.

20. (Original) The method of claim 11, wherein one of the cellular networks operates in accordance with a 3rd Generation Project Partnership (3GPP) standard.

21. (New) The method of claim 1, wherein the cellular network broadcast information includes a System Identification (SID) which identifies a first cellular network.

22. (New) The method of claim 11, wherein the cellular network broadcast information includes a System Identification (SID) which identifies a first cellular network.

23. (New) A wireless local area network which is adapted to communicate cellular network broadcast information to one or more mobile stations by receiving, from one or more available cellular networks or a network database, cellular network broadcast information associated with the one or more available cellular networks; formatting the cellular network broadcast information in a generic container message which varies in content and format in accordance with different cellular standards associated with the one or more available cellular networks; and transmitting, in an extensible authentication procedure, the generic container message for receipt and use by a mobile station for selecting one of the one or more available cellular networks for communication.

24. (New) The wireless local area network of claim 23, wherein the generic container message includes a technology-specific container.

25. (New) The wireless local area network of claim 23, wherein the generic container message includes a tag field for identifying the generic container message.

26. (New) The wireless local area network of claim 23, wherein the generic container message includes a data field for identifying a technology standard or standard organization associated with a first cellular network.

27. (New) The wireless local area network of claim 26, wherein the cellular network broadcast information includes first cellular network information which identifies the first cellular network.

28. (New) The wireless local area network of claim 23, wherein the one or more available cellular networks comprise a plurality of cellular networks.

29. (New) The wireless local area network of claim 23, wherein the cellular network broadcast information includes:

first cellular network information from a first cellular network; and
second cellular network information from a second cellular network.

30. (New) A mobile station, comprising:

a controller;

memory coupled to the controller;

a radio frequency (RF) transceiver coupled to the controller;

an antenna coupled to the RF transceiver;

the mobile station being operative to receive, in an extensible authentication procedure, a generic container message from a wireless local area network, the generic container message including cellular network broadcast information associated with one or more available cellular networks and varying in content and format in accordance with different cellular standards associated with the one or more available cellular networks;

the mobile station being further operative to decode the generic container message to identify the cellular network broadcast information associated with the one or more available cellular networks;

the mobile station being further operative to store the cellular network broadcast information in memory of the mobile station; and

the mobile station being further operative to select one of the one or more available cellular networks for communication using the cellular network broadcast information stored in the memory.

31. (New) The mobile station of claim 30, wherein the generic container message includes a technology-specific container.

32. (New) The mobile station of claim 30, wherein the generic container message includes a tag field which identifies the generic container message.

33. (New) The mobile station of claim 30, wherein the generic container message includes a data field for identifying a technology standard or standard organization associated with a first cellular network.

34. (New) The mobile station of claim 30, wherein the cellular network broadcast information includes:

first cellular network information from a first cellular network; and
second cellular network information from a second cellular network.

35. (New) The mobile station of claim 30, wherein the cellular network broadcast information includes a mobile network code (MNC) and a mobile country code (MCC) which identifies a first cellular network.

36. (New) The mobile station of claim 30, wherein the mobile station is further operative to store the cellular network broadcast information for a cellular network in association with its set service identifier or “SSID”.

37. (New) The mobile station of claim 30, wherein the cellular network broadcast information includes a System Identification (SID) which identifies a first cellular network.